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SO-10-003 Enterprise Operational Environment

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PURPOSE

In 2008 and 2009, GTA executed a major project, acquiring by competitive bid comprehensive IT infrastructure services and managed network services for use by State agencies. By bundling together the IT infrastructure and managed network services requirements of the major agencies and leveraging resulting capabilities for the enterprise, GTA was able to acquire services that minimize the total cost of infrastructure ownership for the State while maximizing the benefits received. The cost model relies on maintaining the State?s bulk acquisition power by using the winning service providers for the State?s entire IT infrastructure and networking needs. To that end, it serves the best interest of the State for GTA to specify these IT infrastructure services and managed network services as Georgia?s Enterprise Operational Environment (EOE). The purpose of this document is:

- To establish a Statewide requirement to use the EOE,
- To specify high level parameters of the EOE for agency awareness, and
- To provide specific conditions that alternatives to EOE must meet that reduce risk to the State.

A major consideration in the execution of many IT investment projects involves the target operational environments of resulting systems or services. In order to appropriately specify the new IT system and, assuming no existing environmental constraints, one would either:

- Start from scratch to build a new environment, incurring infrastructure costs along with system costs,
- Design the new IT system to operate within an established environment, possibly making system design tradeoffs to fit into an established environment.
- Use the software and environment delivered by a third party via pay-for-use or subscription basis costs. This option may allow agencies to avoid a lengthy, expensive State development project.

An additional purpose of this standard is to foster communication between the agency and GTA when design/build decisions are being made.

STANDARD

The IT infrastructure services and managed network services offered by the Georgia Technology Authority shall be Georgia?s IT Enterprise Operational Environment *(see below: Capabilities of the Enterprise Operational Environment).*

- All State agencies proposing to acquire new IT systems or services, or implementing significant modifications to the operational components of current IT systems or services, shall use the Enterprise Operational Environment to support the resulting IT systems? or services? operational requirements. Agencies experiencing exceptional circumstances when planning new IT systems or services, or significant modifications to current systems or services, including but not limited to circumstances such as financial constraints or beneficial outsourcing opportunities, may seek specific exemption from this provision from the